

# E-Z FLO CYTHION®



Net Contents 5 Gallons  
THE PREMIUM GRADE MALATHION  
(Contains 5 Pounds Malathion Per Gallon)

## CAUTION: KEEP OUT OF THE REACH OF CHILDREN

### ACTIVE INGREDIENTS:

Malathion (O, O-dimethyl dithiophosphate of diethyl mercaptosuccinate).....	57.0%
Xylene.....	35.0%
INERT INGREDIENTS: .....	8.0%
●Registered Trademark of American Cyanamid Corp.	100.0%

The manufacturer makes no warranties, express or implied, concerning this product or its use, which extend beyond the description on the label. All statements made concerning this product apply only when used as directed.

410-12

EPA Est 635-MI-1; OH-1

E.P.A. Reg. No. 635-383

SOLD BY

## E-Z FLO CHEMICAL COMPANY

Division of Kirsto Company  
Lansing, Michigan • Columbus, Ohio

### DIRECTIONS FOR USE (continued)

#### VEGETABLES (continued)-

**COLE CROPS** (Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Kale, Mustard, Turnip): Aphids, Cabbage Looper, Imported Cabbage Worm - 2 to 3 pints. Do not apply within 3 days of harvest on broccoli and turnip; within 7 days of harvest on other cole crops.  
**CUCURBITS** (Cucumber, Melon, Pumpkin, Squash): Aphids, Spider Mites, Pickleworms - 2 pints. Cucumber Beetles - 2 1/2 pints. Do not apply to Cucurbits unless plants are dry. Do not apply within 3 days of harvest on pumpkins, 1 day on other cucurbit crops.  
**EGGPLANT**: Aphids, Lace Bugs, Spider Mites - 2 to 3 pts. Use the higher rate for Lace Bug control. Do not apply within 3 days of harvest.  
**LETTUCE**: Aphids, Cabbage Looper, Leafhoppers, Mites - 3 pts. Do not apply within 14 days of harvest on leaf lettuce; 7 days on head lettuce.  
**ONIONS**: Onion Maggots, Thrips - 2 to 3 pts. Use the higher rate for onion maggot control and apply when flies first appear. Repeat every 4 days. Do not apply within 3 days of harvest on green onions.

### DIRECTIONS FOR USE (continued)

#### FIELD CROPS

**ALFALFA and CLOVER**: Alfalfa Weevil Larvae, Aphids, Armyworms, Grasshoppers, Lygus Bugs, Potato Leafhoppers, Spider Mites, Spittlebugs - Use 1 1/2 to 2 pts. Use the higher rate for Armyworm control. Do not apply during bloom.  
**CORN**: Aphids, Corn Rootworm Adults, Sap Beetles, Thrips - 1 1/2 pints. Injury may occur in the whorl and silk stage. Do not apply within 5 days of harvest for forage.  
**GRASS and GRASSHAY**: Aphids, Grasshoppers, Leafhoppers - Use 1 1/2 pts. per acre in sufficient water for good coverage.  
**SMALL GRAINS** (Barley, Oats, Rye, Wheat): Armyworms, English Grain Aphids, Young Grasshoppers, Greenbugs - 1 1/2 to 2 pts. Use the higher rate for Armyworm control. For Grasshoppers make thorough, full coverage application to hatching areas when nymphs are young. Do not apply within 7 days of harvest.

### CAUTION

Harmful if swallowed or inhaled. Avoid breathing vapor or spray mist. Avoid contact with skin. Wash thoroughly after handling. Wash contaminated clothing before re-use. Keep out of reach of Children and Pets. Avoid contamination of feed and foodstuffs.

NOTE TO PHYSICIANS: Malathion upon use, may cause cholinesterase inhibition. Atropine is antidotal.

### OBSERVE THE FOLLOWING USE PRECAUTIONS

Avoid drift to adjoining food and forage crops. The Federal Food and Drug Administration has set official tolerances for certain pesticide residues. In order that residues on food and forage crops will not exceed established tolerances, use only at recommended rates, and do not apply closer to harvest than specified. Consult your State Agricultural Extension Service for additional information as the timing, number and rate of applications needed will vary with local conditions. Observe use limitations given for specific crops. Do Not Use, Pour, Spill or Store Near Heat or Open Flame - Protect From Temperatures Below 0° F.

This product is toxic to fish. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

DESTROY CONTAINER WHEN EMPTY. NEVER RE-USE.

### DIRECTIONS FOR USE

Pour recommended amount of this material into partially filled spray tank. Add balance of water to fill tank. Keep agitator running during filling, mixing and spraying operations. Do not allow mixture to stand. If mixture does not mix readily but tends to separate as an oily layer, do not use as injury to plants may result. This material is compatible with commonly used insecticides and fungicides, but residual toxicity may be reduced when combined with alkaline materials. Do not combine emulsifiable liquids with wettable powders in the same spray tank unless previous use of the materials being combined has proved them to be physically compatible.

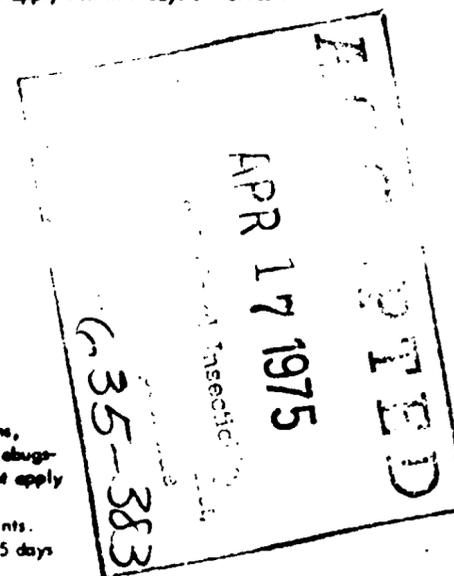
Unless otherwise indicated, dosages are given in pints of Malathion 5 E in sufficient water to cover one acre. Use not less than 3 gallons of water per acre for aircraft application and not less than 10 gallons of water per acre for ground equipment.

Thorough, full coverage applications should be made. Begin applications when insects first appear and repeat as necessary as a diluted spray.

### VEGETABLES

**ASPARAGUS**: Asparagus Beetles - 2 pints. Do not apply within 1 day of harvest.  
**BEANS**: Aphids, Cucumber Beetles, Japanese Beetles, Mexican Bean Beetles, Potato Leafhoppers, Spider Mites - 2 pints. Do not apply within 1 day of harvest.  
**BETS, TABLE**: Aphids - 2 pints. Do not apply within 7 days of harvest.  
**CELERY**: Aphids, Spider Mites - 2 pints. Do not apply within 7 days of harvest.

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**DIRECTIONS FOR USE** (continued)

VEGETABLES continued-

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**CUCURBITS** (Cucumber, Melon, Pumpkin, Squash): Aphids, Spider Mites, Pickleworms - 2 pints. Cucumber Beetles - 2½ pints. Do not apply to Cucurbits unless plants are dry. Do not apply within 3 days of harvest on pumpkins; 1 day on other cucurbit crops.  
**EGGPLANT**: Aphids, Lace Bugs, Spider Mites - 2 to 3 pts. Use the higher rate for Lace Bug control. Do not apply within 3 days of harvest.  
**LETTUCE**: Aphids, Cabbage Looper, Leafhoppers, Mites - 3 pts. Do not apply within 14 days of harvest on leaf lettuce; 7 days on head lettuce.  
**ONIONS**: Onion Maggots, Thrips - 2 to 3 pts. Use the higher rate for onion maggot control and apply when flies first appear. Repeat every 4 days. Do not apply within 3 days of harvest on green onions.  
**PEAS**: Pea Aphid, Pea Weevil - 2 pints. Do not apply within 3 days of harvest. Do not apply within 7 days of harvest if forage is to be fed to livestock.  
**PEPPERS**: Aphids - 2½ pints. Do not apply within 3 days of harvest.  
**POTATOES**: Aphids, Leafhoppers - 2 pints.  
**SPINACH**: Aphids - 2 pints. Do not apply within 7 days of harvest.  
**TOMATOES**: Aphids, Spider Mites - 2 pints. Drosophila Flies - 2½ pts. Do not apply within 1 day of harvest.

FRUITS

**APPLES**. Woolly Apple Aphid - Use 1 pt. per 100 gals. water. Apply one or more sprays as needed. Green Apple Aphid, Rose Aphid - Use 1½ pints to 100 gals water. One or more sprays should be applied either in delayed dormant, early pre-pink or pre-pink as needed. European Red Mite, Two Spotted Mite - Use 1 to 2 pts. per 100 gals. water when mites begin to appear on under side of leaves in summer months. Make 2 applications 10 to 12 days apart. Forbes, Putnam, and San Jose Scale insects - Use 1 pt. in 100 gals. water applied when crawlers are present; about 2nd, 5th, 6th, and 7th covers. Make no Malathion spray application 3 days before harvest. NOTE: Emulsifiable Malathion sprays may cause injury to McIntosh and Courtland varieties.  
**PEARS**: Pear Psylla - Use 1 to 2 pts. in 100 gals. water applied in petal fall. 1st, 2nd and 3rd covers. European Red Mite, Two Spotted Mite - Use 1 to 2 pints in 100 gals. water when mites begin to appear on under side of leaves usually in summer months. Make 2 applications 10 to 12 days apart. Apply no malathion spray later than 1 day before harvest. Malathion concentrate may cause injury to Bosc Pears in Northern United States.

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VEGETABLES

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**BEETS, TABLE**: Aphids - 2 pints. Do not apply within 7 days of harvest.  
**CELERY**: Aphids, Spider Mites - 2 pints. Do not apply within 7 days of harvest.

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**DIRECTIONS FOR USE** (continued)

FIELD CROPS

**ALFALFA and CLOVER**: Alfalfa Weevil Larvae, Aphids, Armyworms, Grasshoppers, Lygus Bugs, Potato Leafhoppers, Spider Mites, Spittlebugs - Use 1½ to 2 pts. Use the higher rate for Armyworm control. Do not apply during bloom.  
**CORN**: Aphids, Corn Rootworm Adults, Sap Beetles, Thrips - 1½ pints. Injury may occur in the whorl and silk stage. Do not apply within 5 days of harvest for forage.  
**GRASS and GRASSHAY**: Aphids, Grasshoppers, Leafhoppers - Use 1½ pts. per acre in sufficient water for good coverage.  
**SMALL GRAINS** (Barley, Oats, Rye, Wheat): Armyworms, English Grain Aphids, Young Grasshoppers, Greenbugs - 1½ to 2 pts. Use the higher rate for Armyworm control. For Grasshoppers make thorough, full coverage application to hatching areas when nymphs are young. Do not apply within 7 days of harvest.  
**SUGAR BEETS**: Aphids, Spider Mites - 2 pints. Do not apply within 3 days of harvest (7 days of harvest if tops are to be used for food or feed).  
**TOBACCO IN FIELDS**: Aphids - Apply 1½ pts. per acre in at least 30 gals. water. Make no application within 7 days of harvest.

ANIMALS

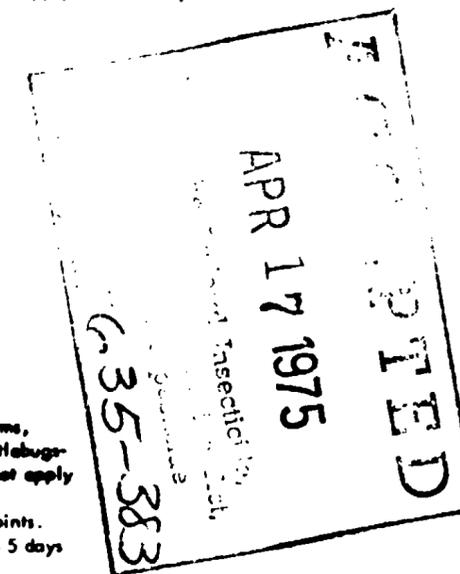
May require 2nd treatment in 10 days - Apply a complete coverage spray - Repeat in 2 weeks if needed. Do not apply to lactating dairy animals or non-lactating dairy animals within 2 weeks of freshening. Do not treat animals under one month of age. Avoid contamination of feed, food containers and watering troughs.  
**BEEF CATTLE**: Lice - Use 1 gal. per 100 gals water. Ticks - Use 1 to 2 gals. per 100 gals water. Horn Flies - Use 1 to 1½ gals. per 100 gals. water.  
**SHEEP and GOATS**: Lice, Ticks - Use 1 gal. per 100 gals water. Do not apply to milk goats.  
**SWINE**: Lice and Sarcoptic Mange - Use 1 gal. per 100 gals. water.

Malathion is a cholinesterase inhibitor. Do not use this product on animals simultaneously or within a few days before or after treatment with or exposure to cholinesterase inhibiting drugs, pesticides or chemicals. Consult veterinarian at the first sign of an adverse reaction. Atropine is antidotal.

ORNAMENTALS

Ornamentals: Aphids, European Pine Shoot Moth, Four-lined Leaf Bug, Japanese Beetle Adult, Mealybugs, Potato Leafhopper, Rose Leafhopper, Scurfy Scale, Spider Mites, Tarnished Plant Bug, Thrips, Whitefly - Use 1½ pts. per 100 gals., dilute spray (1½ teaspoonsful per gal.)

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